

IN THE SPECIFICATION

Please amend the specification as set forth below.

Page 1, line 8, the marked up paragraph is as follows:

<Field ~~Filed~~ to which the Invention Belongs>.

Page 2, second full paragraph (lines 10-18), the marked up paragraph is as follows:

Because the piping parts (piping such as the {elbow, straight pipe, reducing pipe, branch pipe and so on}, as well as the valve, pump and so on) composing a process plant are disposed differently in three-dimension even if they are the same kind of parts, have the same shape and are made of the material, behavior of the fluid flowing through the parts is substantially different depending on a position where the parts are disposed and on a kind of a part to which the part is connected.

Page 3, second and third full paragraphs (lines 12-26), the marked up paragraphs are as follows:

Further, in a conventional plan of replacing parts, in a case where replacing periods of the piping parts are different from one another, the piping part replacing work must be

frequently performed for the replacing work corresponding to each of the piping parts. Accordingly, since each time of the replacing work needs preparation associated to the work and shutdown of the plant operation, there will occur an economical loss caused by a large cost spent in the preparation and reduction of operability associated with the plant shutdown if the repairing work often occurs.

This is ~~caused by~~ due to the fact that the lifetime of piping parts of the whole process plant has not been accurately known when the replacing work plan using lifetime estimation and wall-thickness thinning estimation of parts such as pipes composing the process plant is made.